

Title (en)
Heat-sensitive recording material.

Title (de)
Wärmeempfindliches Aufzeichnungsmaterial.

Title (fr)
Matériau d'enregistrement thermosensible.

Publication
EP 0249885 A2 19871223 (EN)

Application
EP 87108426 A 19870611

Priority
JP 14227786 A 19860617

Abstract (en)
Described is a heat-sensitive recording material incorporating a colorless or pale-colored basic dye and a color acceptor which is reactive with the dye to form a color when contacted therewith, said recording material being characterized in that (a) as the basic dye are used 100 parts by weight of a specific phthalide derivative of the formula [I] and 20 to 100 parts by weight of a specific black color-forming fluoran derivative of the formula [II], (b) as the color acceptor is used a polyvalent metal salt of an aromatic carboxylic acid and (c) a recording sensitizer is further used, and whereby the resulting record images are at least 0.75 in PCS value at 800nm.

IPC 1-7
B41M 5/26

IPC 8 full level
B41M 5/327 (2006.01); **B41M 5/333** (2006.01); **B41M 5/337** (2006.01); **B41M 5/30** (2006.01)

CPC (source: EP US)
B41M 5/327 (2013.01 - EP US); **B41M 5/3335** (2013.01 - EP US); **B41M 5/3275** (2013.01 - EP US); **Y10S 428/913** (2013.01 - EP US)

Cited by
US5348348A; DE4102904A1; DE4102904C2; EP1813436A3; FR2610247A1; EP0468459A1; US5206210A; EP0420613A3; EP0234540A3; GB2216676A; NL8900585A

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DE FR GB

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DOCDB simple family (application)
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